

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 9005 - L2 Version 3
Chandra X-Ray Center

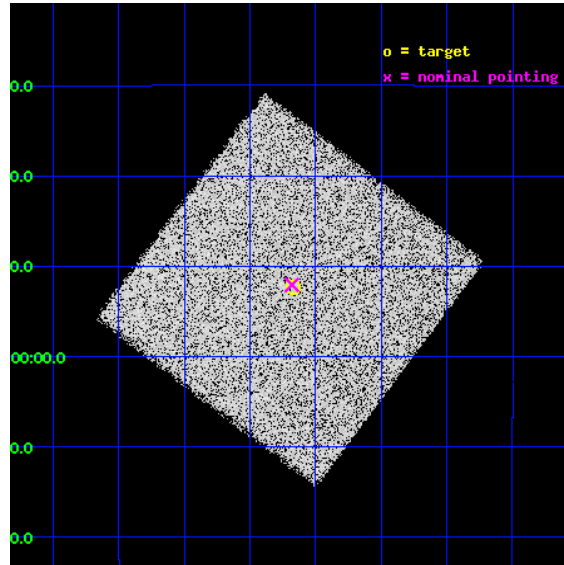
L2 Processing Date : Aug 13 2012

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1 Front

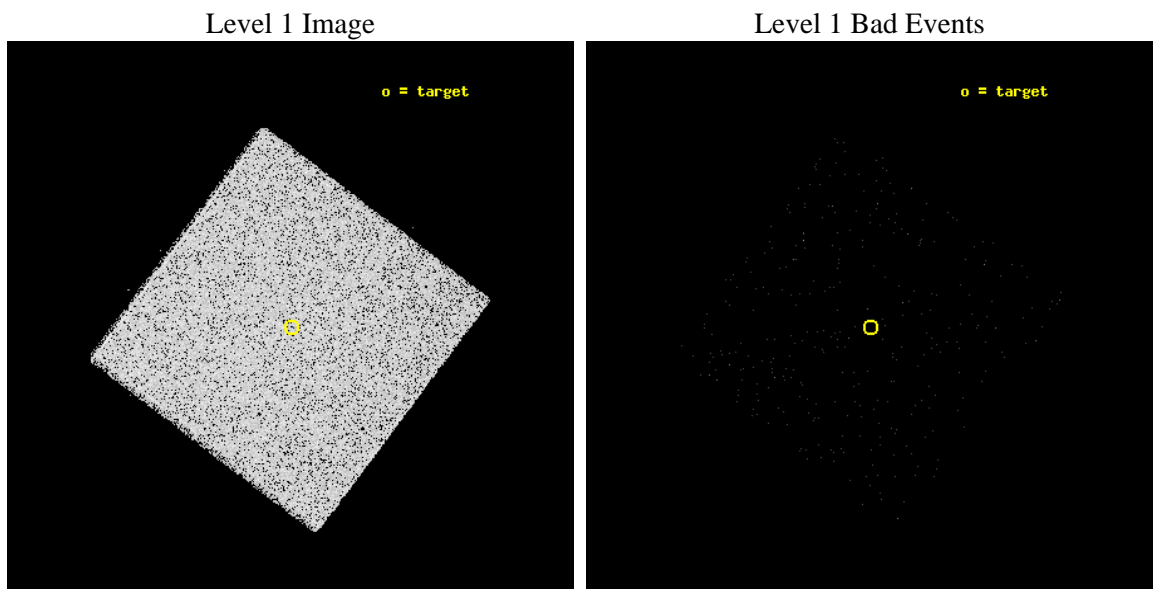
seq_num	400856	Sequence number
obs_id	9005	Observation id
title	Faint persistent X-ray sources in the Galactic Bulge	Proposal titl
observer	Dr. Marc Klein-Wolt	Principal investigator
object	4U 1807-10	Source name
ra_targ	272.66875	Observer's specified target RA [deg]
dec_targ	-10.872111	Observer's specified target Dec [deg]
ra_nom	272.67020490365	Nominal RA [deg]
dec_nom	-10.867951181842	Nominal Dec [deg]
roll_nom	82.102179878089	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1156.2000573874	[s]
livetime	1143.0802181458	Ontime multiplied by DTCOR
l2events	80910	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1156.2000573874	[s]
caldbver	4.5.1.1	 	l1events	123849	Number of level 1 events
date	2012-08-13T02:42:25	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

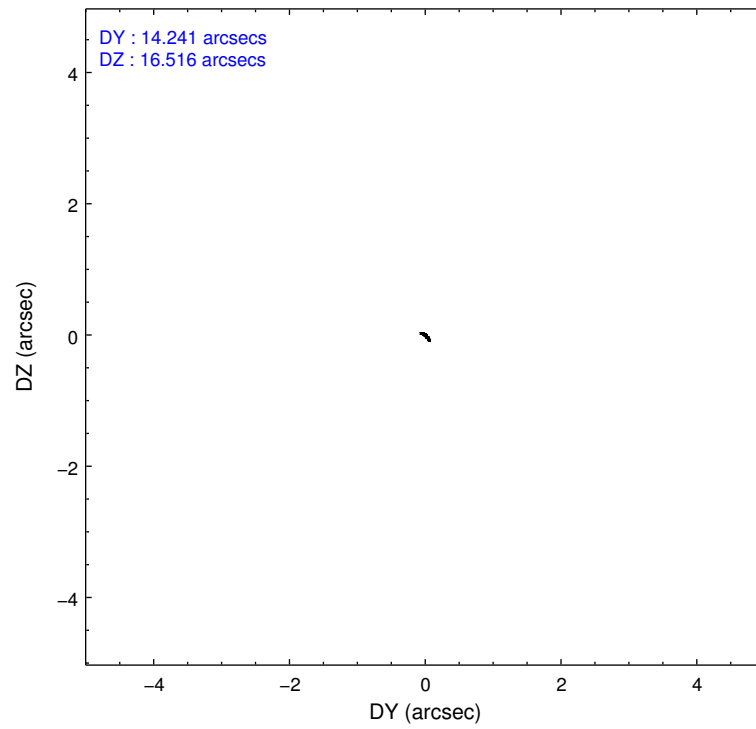
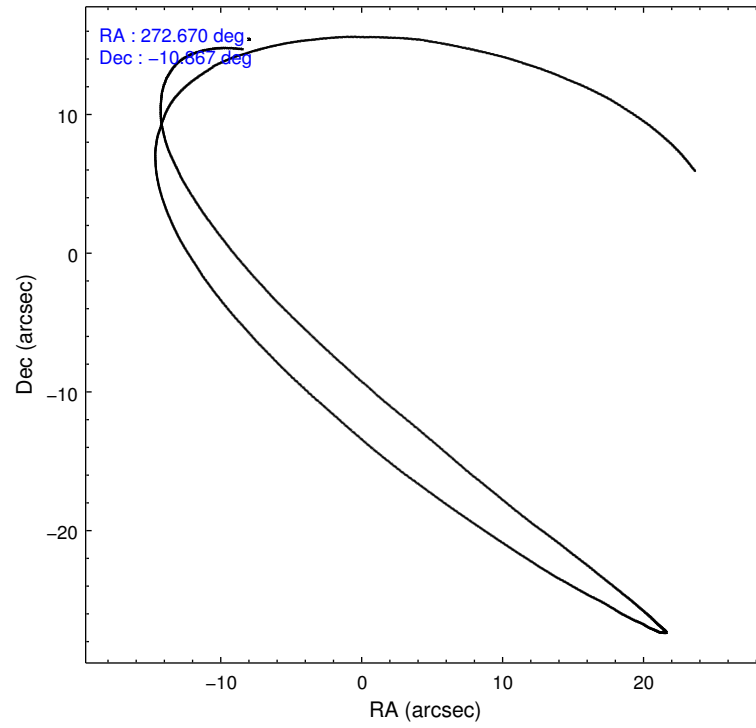
Level 1 Events

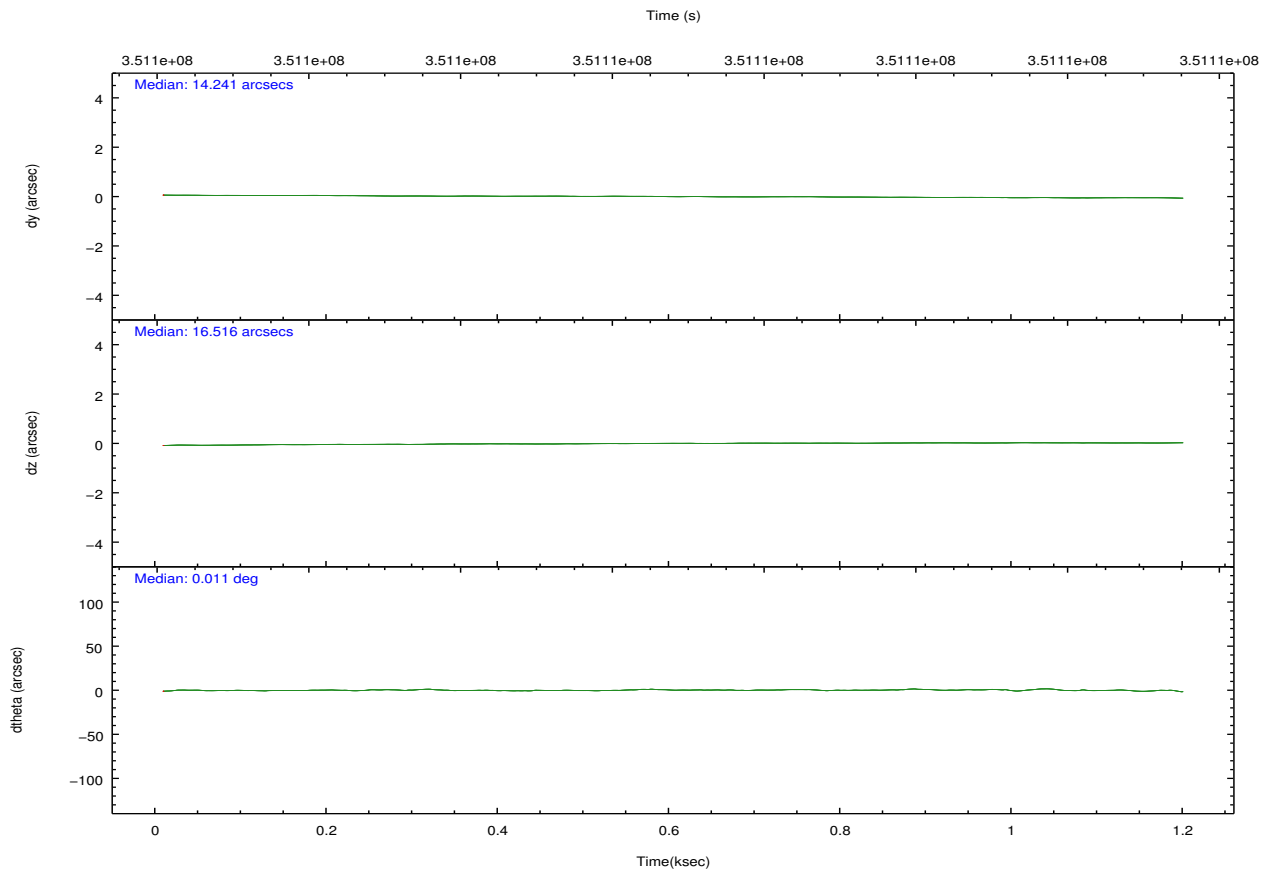
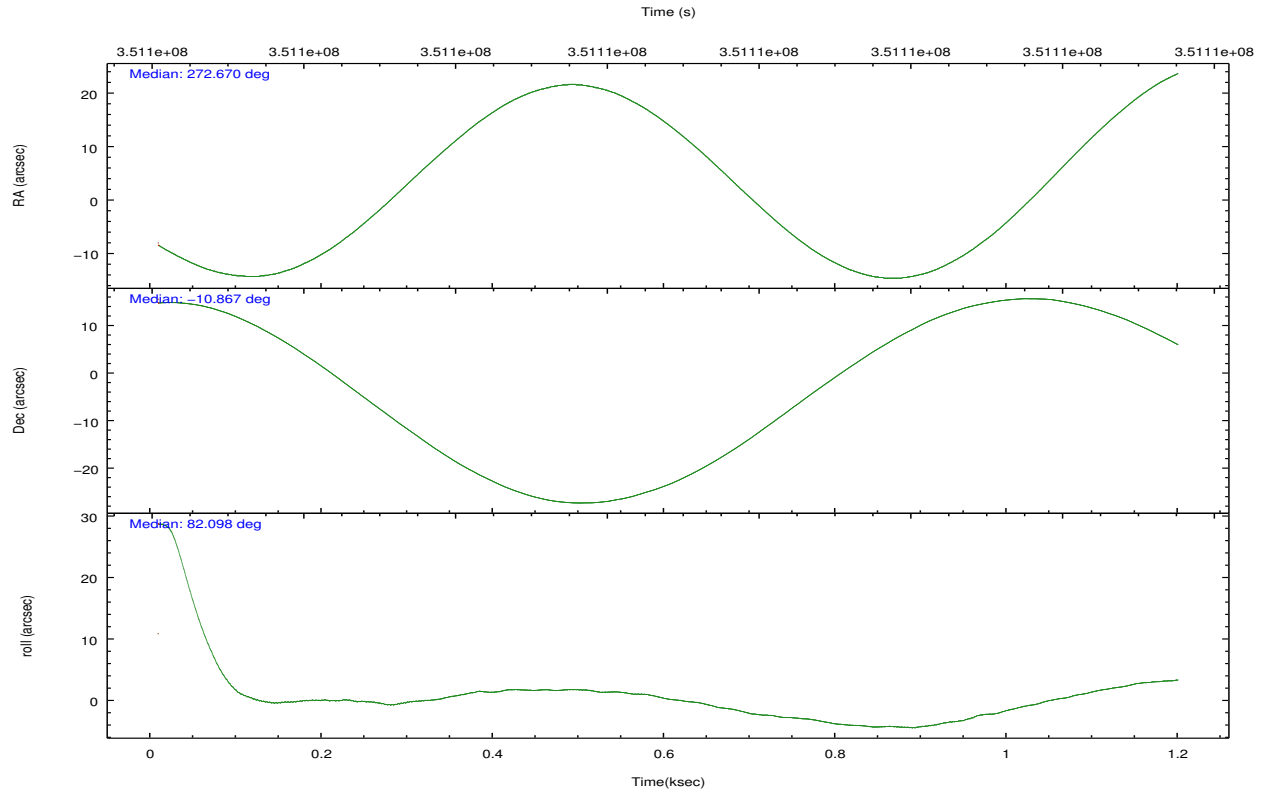
	segment 0
level 1 events	123849
rejected events	6662
rejected %	5%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	272.681882	272.6702049036472			
[deg] Pointing Dec	-10.893390	-10.86795118184227			
[deg] Pointing Roll	82.199526	82.10217987808886			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	351104872.184000	351104401.63076			
Observation start date	2009-02-15T17:06:46	2009-02-15T17:00:01			
[s] Observation end time (MET)	351105872.184000	351106534.14336			
Observation end date	2009-02-15T17:23:26	2009-02-15T17:35:34			

2.3 Aspect



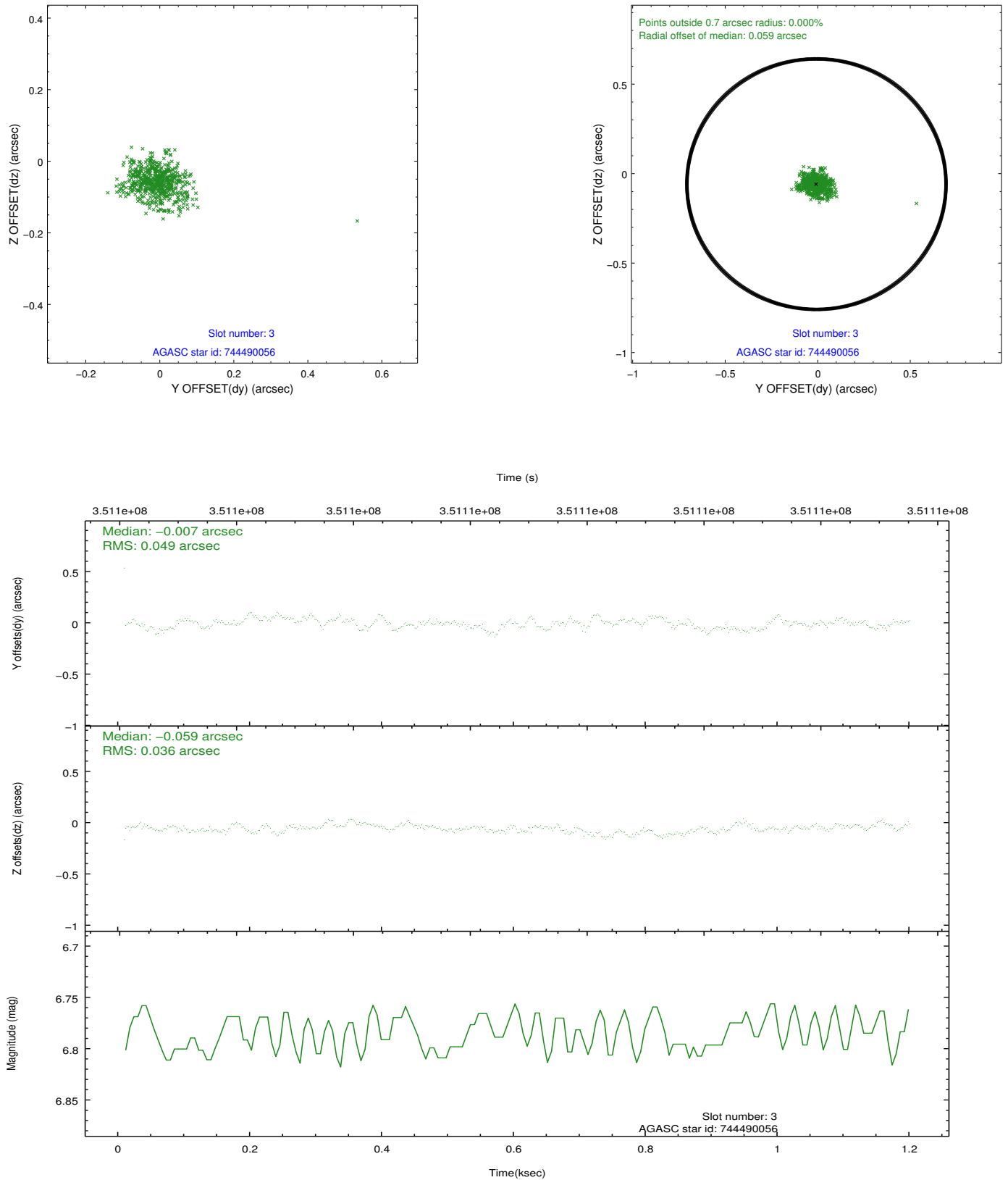


Slot Statistics

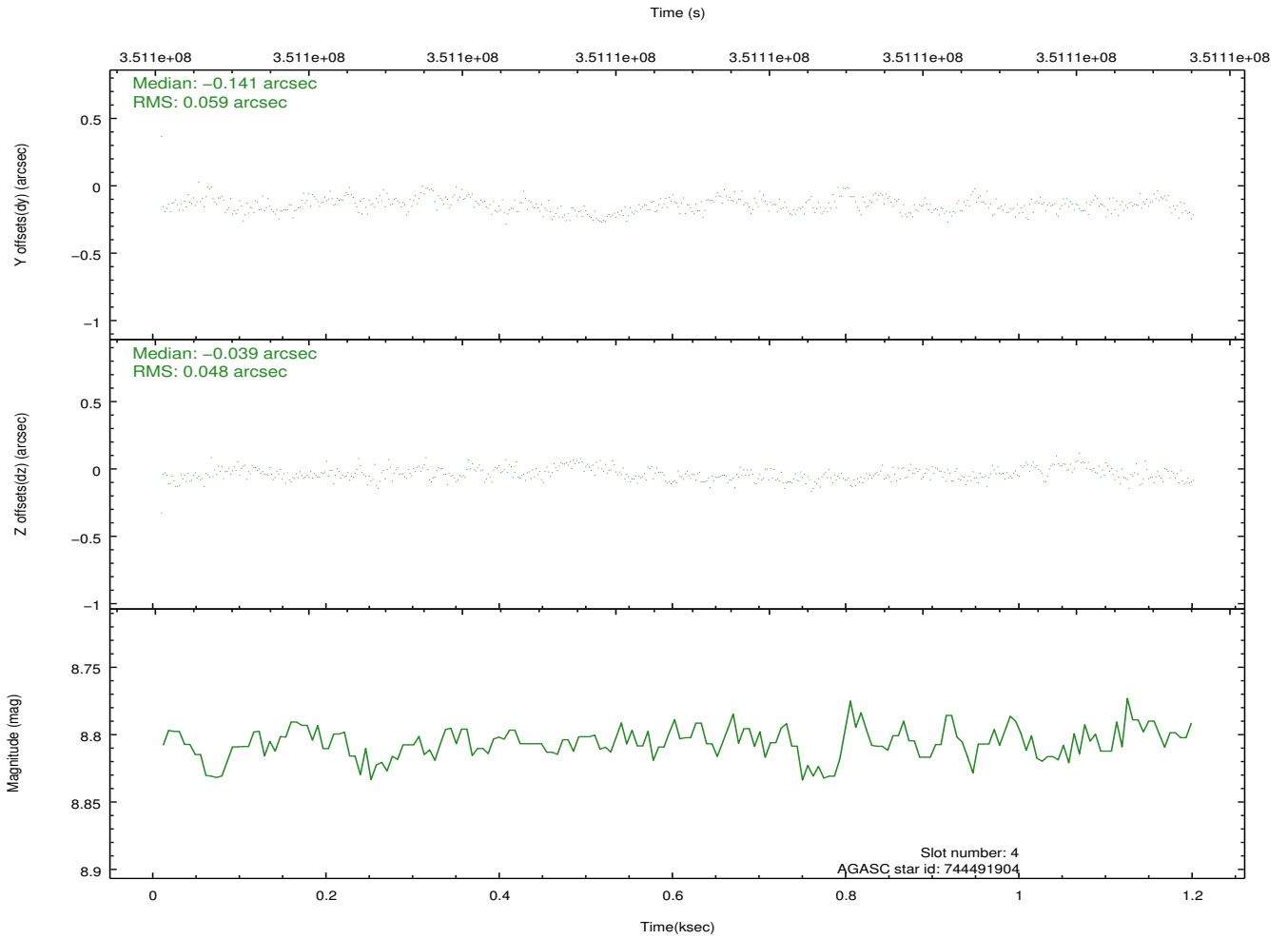
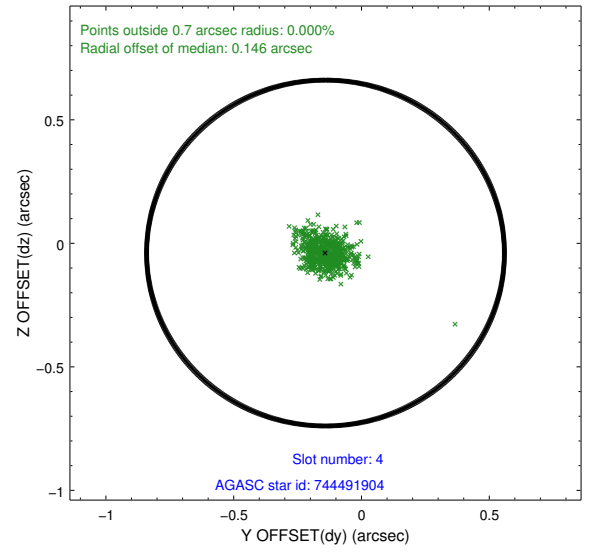
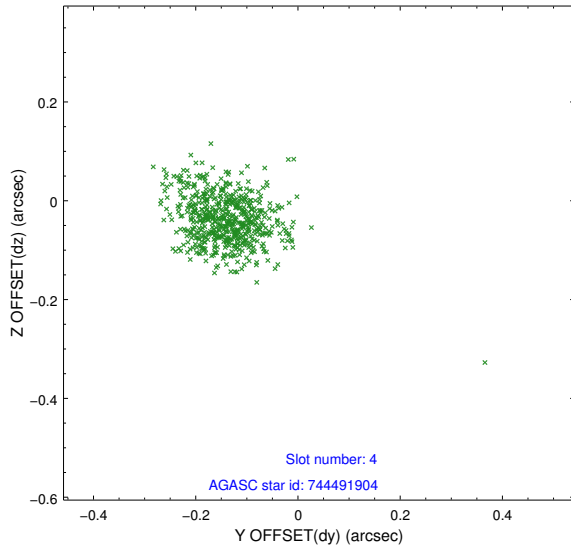
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	291	0.023	-0.052	0.006	0.013	0.000000	0.000000	-770.04	-1304.65
1	FID	HRC-I-3	7.09	291	-0.092	-0.024	0.007	0.010	0.000000	0.000000	-1201.21	995.47
2	FID	HRC-I-4	7.02	291	0.183	-0.013	0.006	0.012	0.000000	0.000000	1268.86	1000.90
3	GUIDE	744490056	6.79	582	-0.007	-0.059	0.061	0.098	272.688445	-11.021939	-456.29	-88.29
4	GUIDE	744491904	8.81	582	-0.141	-0.039	0.074	0.129	272.881457	-10.263961	2338.87	-395.43
5	GUIDE	744492024	7.95	582	-0.000	-0.020	0.055	0.096	273.102732	-10.731399	781.96	-1398.86
6	GUIDE	744492504	8.89	582	-0.015	0.064	0.093	0.157	273.437493	-10.395855	2135.06	-2412.89
7	GUIDE	745017976	7.16	581	0.172	0.069	0.075	0.122	272.866935	-11.309404	-1392.44	-857.02

2.4 Star Slots

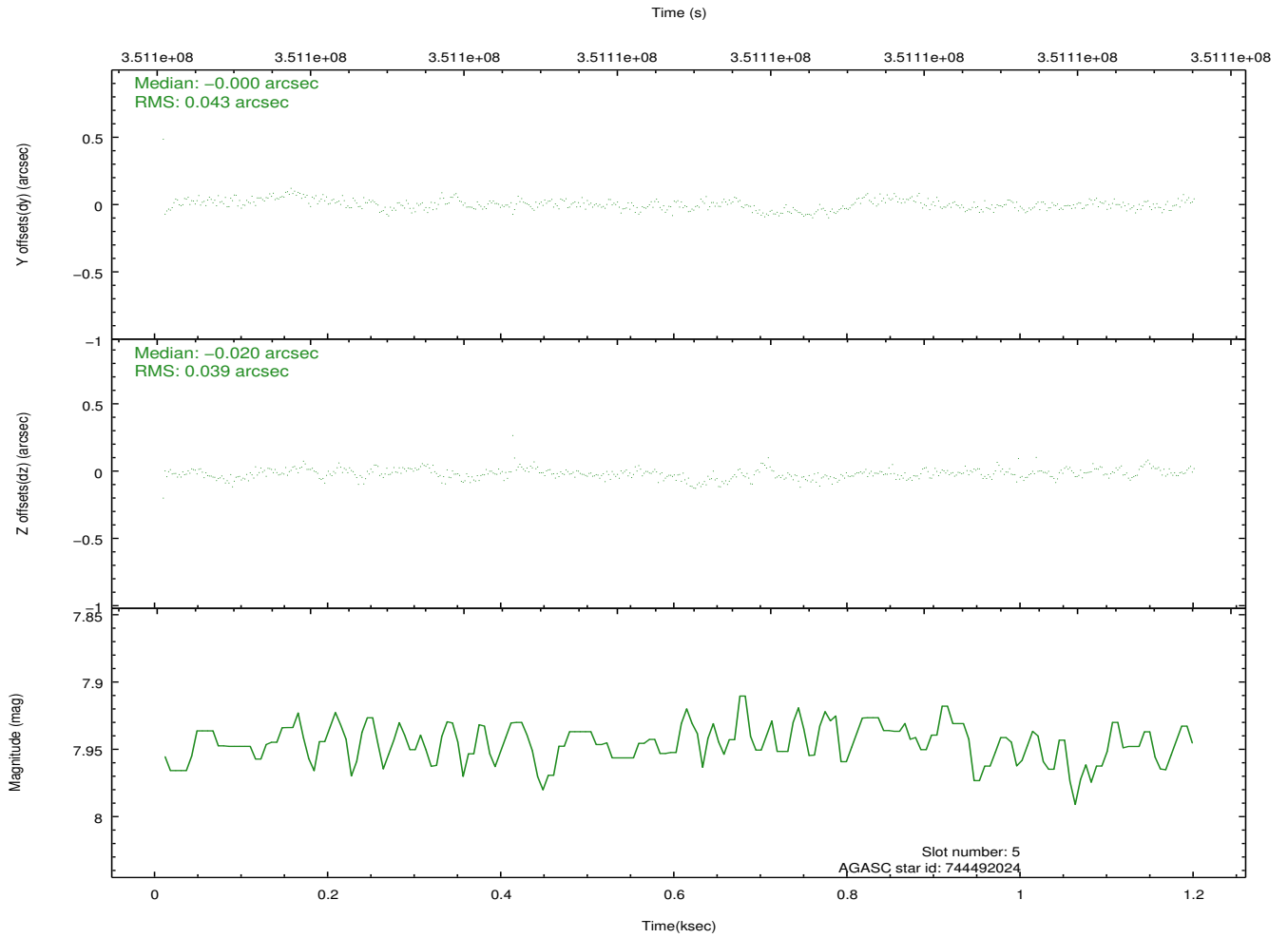
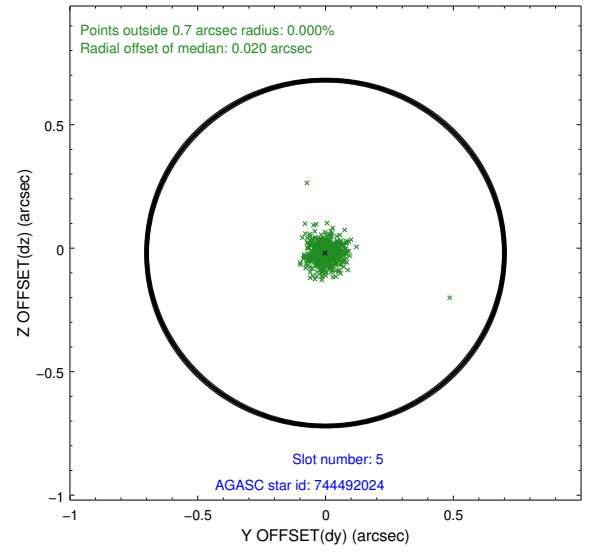
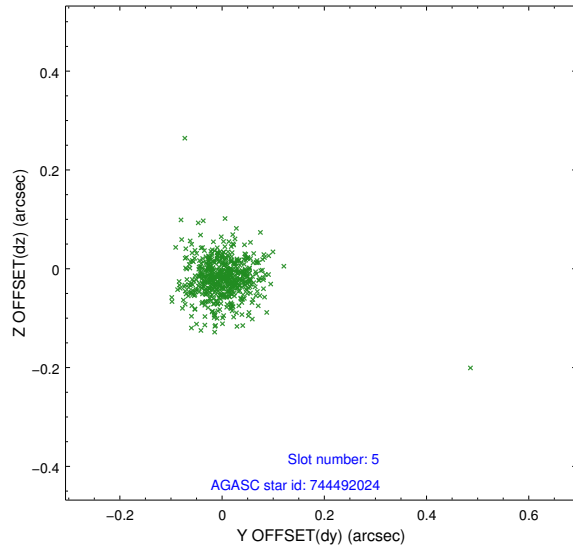
2.4.1 Slot 3



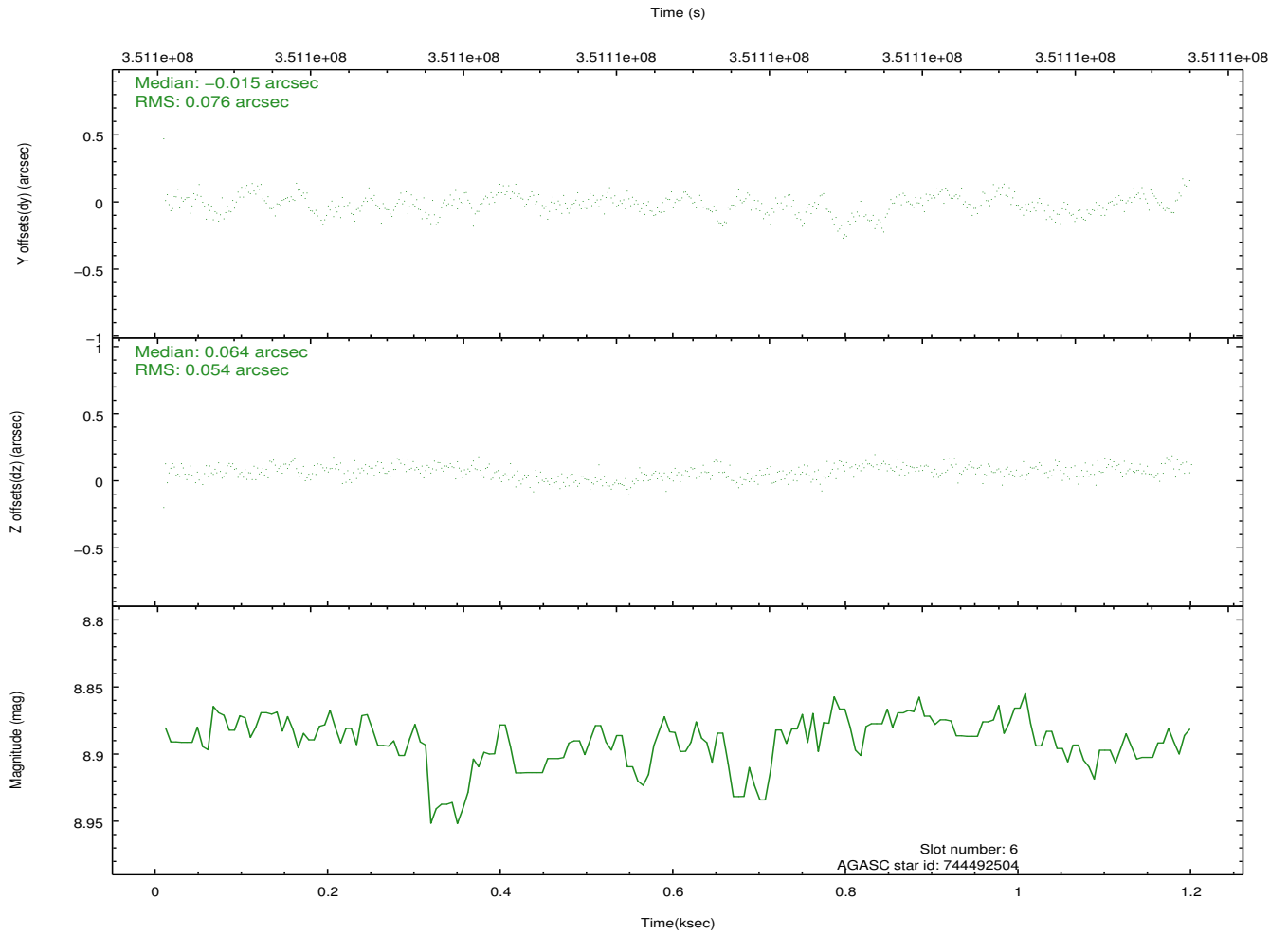
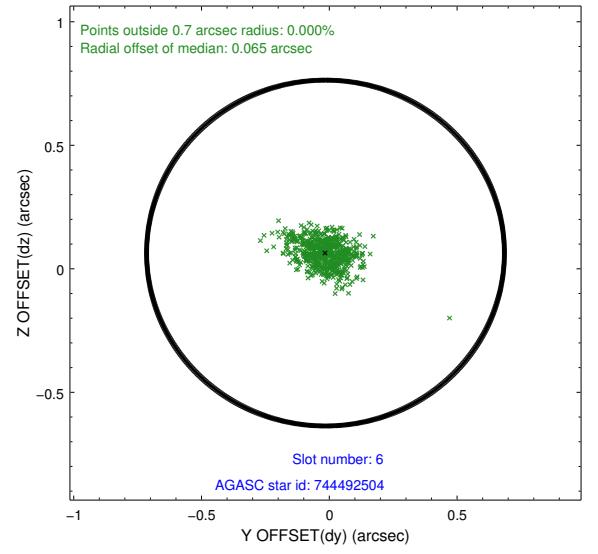
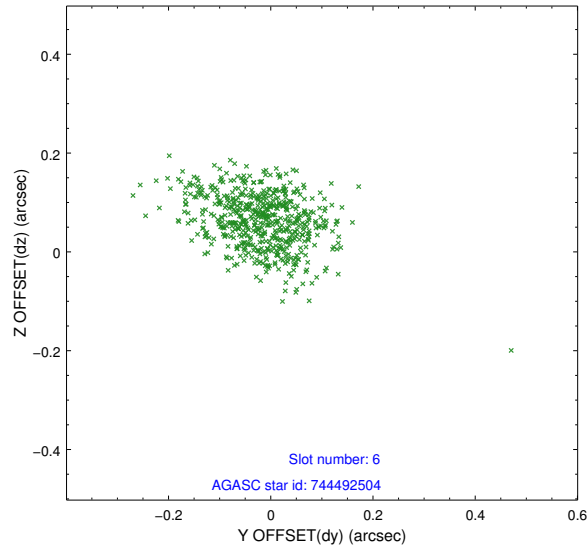
2.4.2 Slot 4



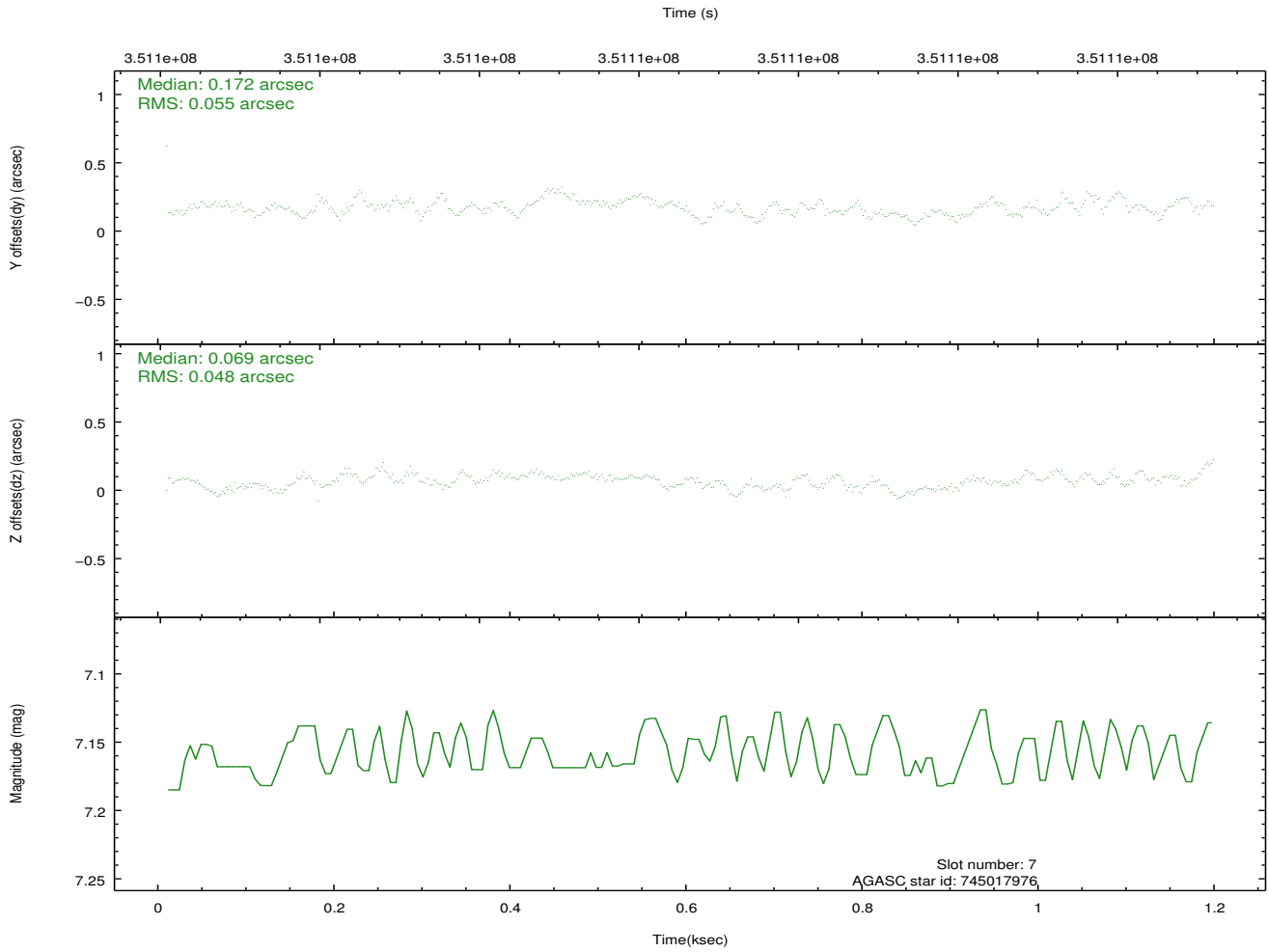
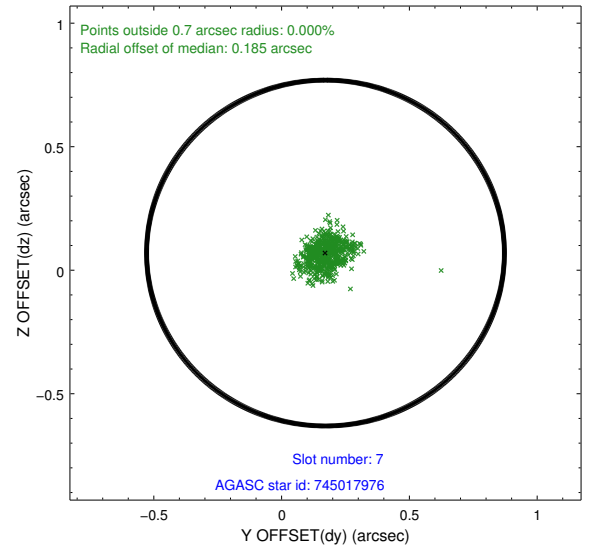
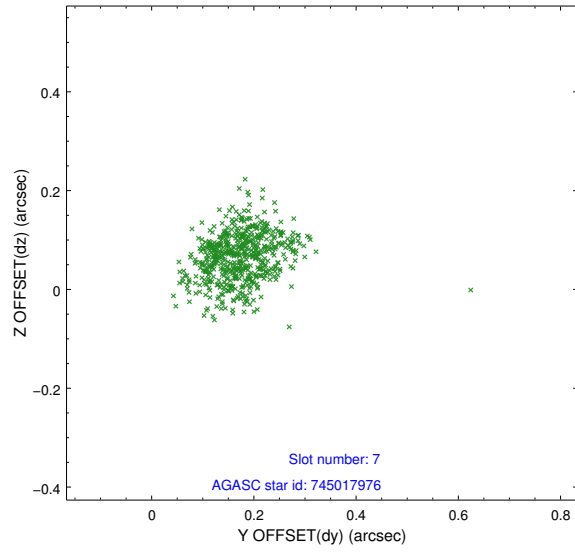
2.4.3 Slot 5



2.4.4 Slot 6

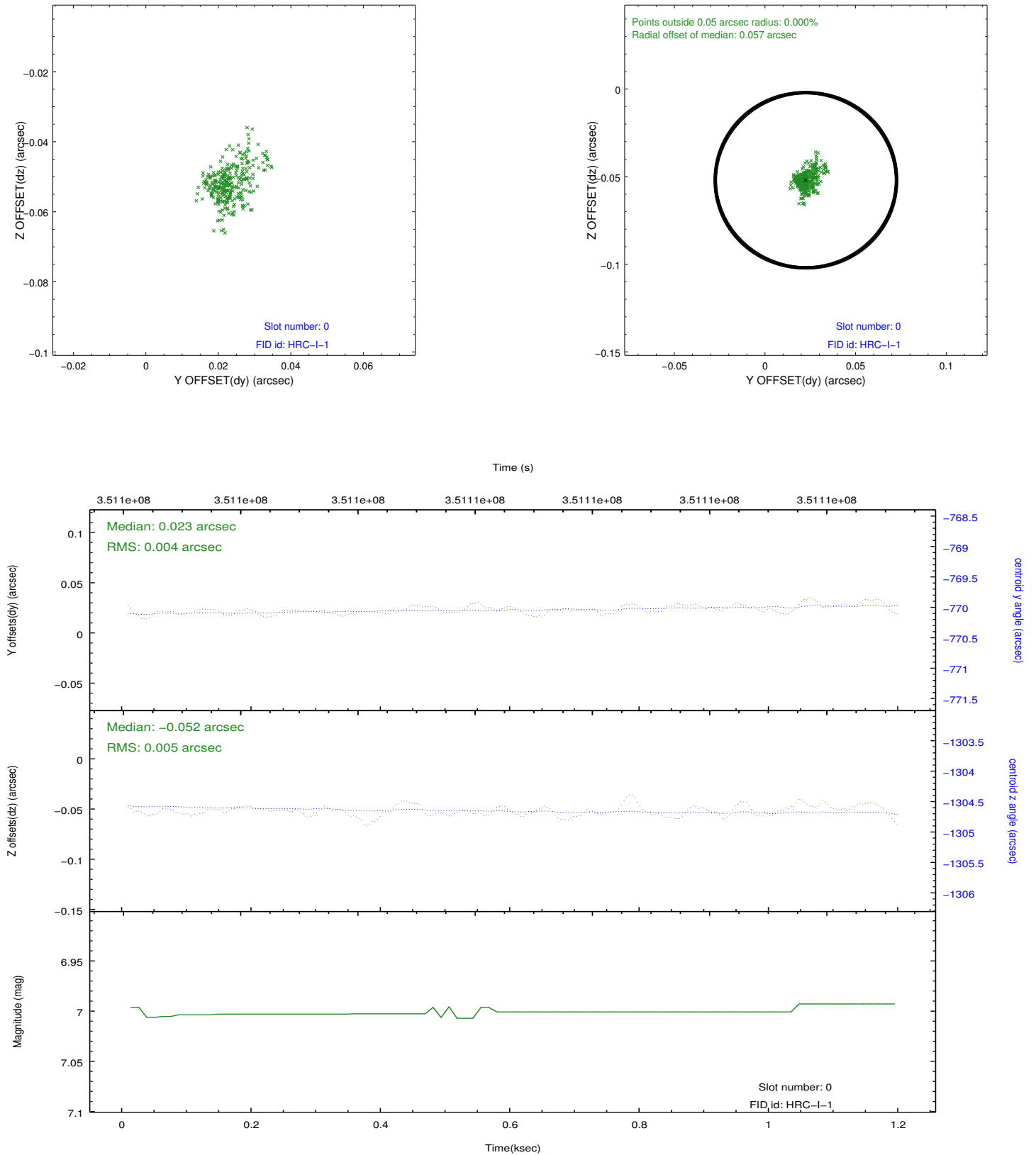


2.4.5 Slot 7

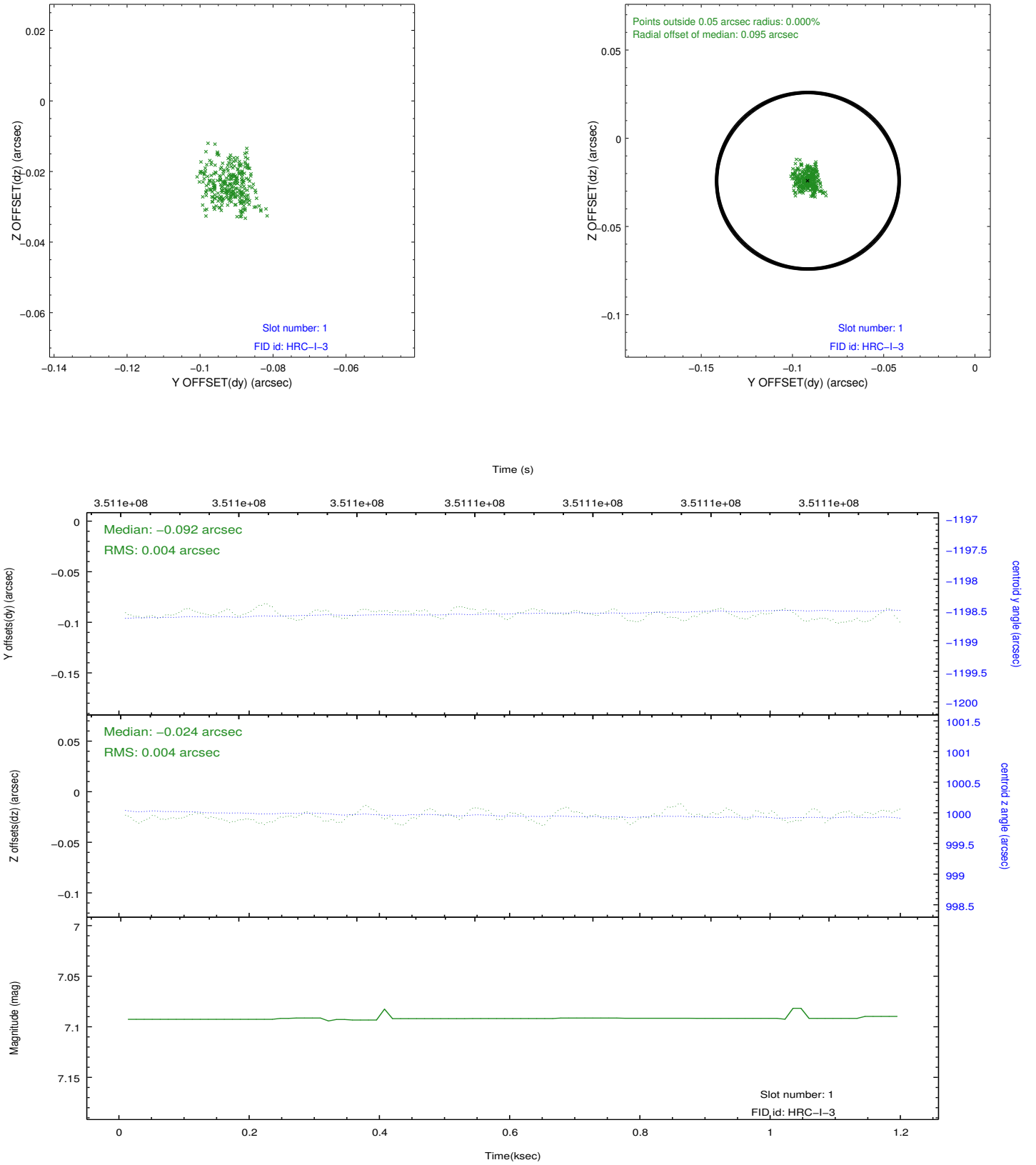


2.5 FID Slots

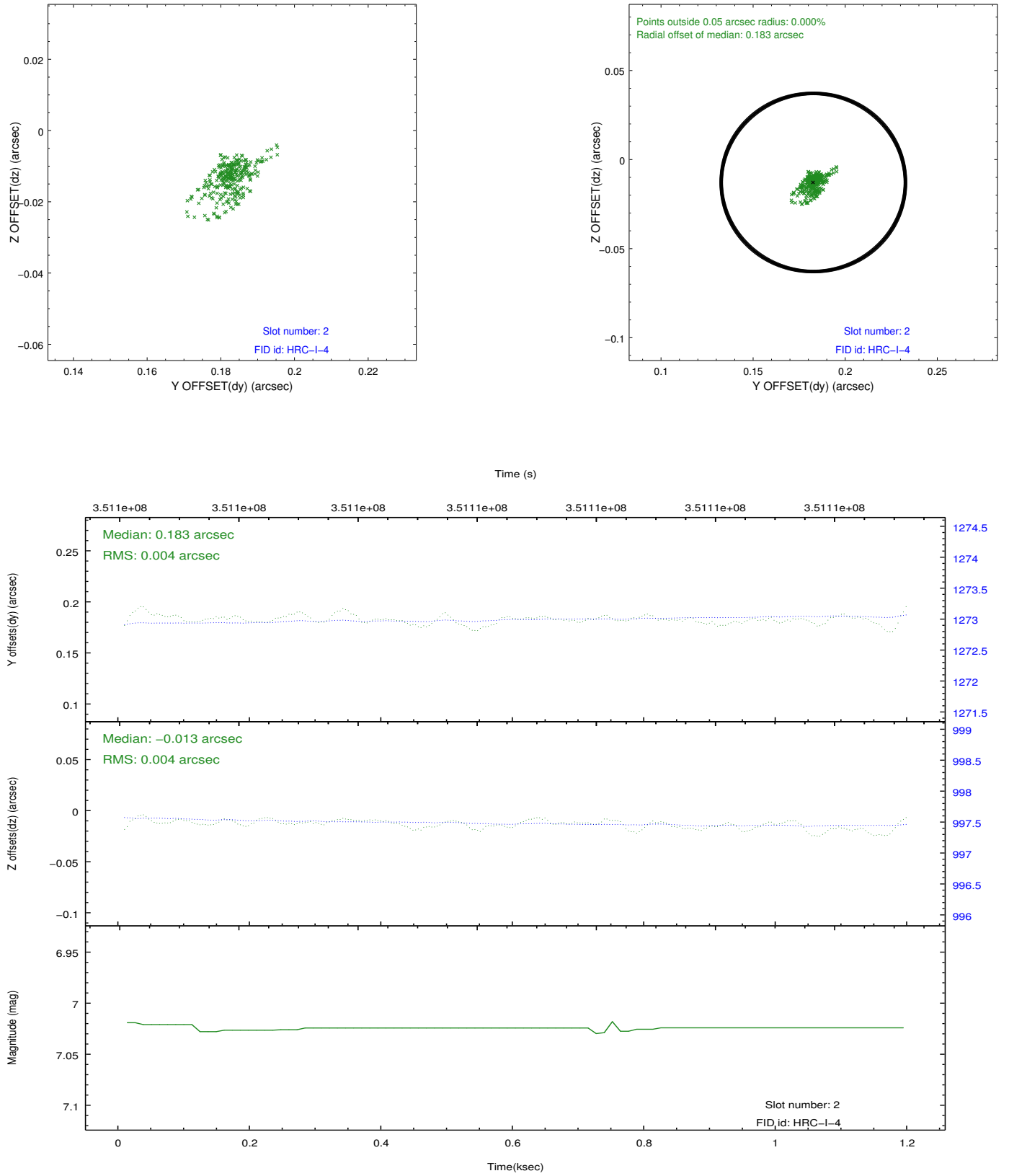
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1562000573874

A.2 Comments